

### Abstract of the Disclosure

The present invention relates to a porous gelatin material in the form of spherical particles with a continuous pore structure and cast, three-dimensional, porous gelatin structures. The invention also comprises methods for preparation of the porous gelatin materials and structures. The method for preparing the porous gelatin material in the form of spheres with a continuous pore structure comprises the steps of preparing a homogenous water-based gelatin solution, adding an emulsifier with an HLD value  $>9$ , adding a first composition comprising an organic solvent and an emulsifier with an HLB value  $>9$ , adding a second composition comprising an organic solvent and an emulsifier with an HLB value  $<8$  and allowing the gelatin material to solidify. Uses of the materials according to the invention are also included.